ABSTRACT

An azimuth measuring device capable of calibrating a magnetic sensor without putting load on a user is provided. When a point having amplified output values Sx, Sy, Sz after a sensitivity correction as x, y, z components is arranged on an xyz coordinate system, an offset information calculation section 8 calculates the center coordinates of such a sphere whose surface is located in the vicinity of each point and calculates an x component of the center coordinates of this sphere as a current offset Cx of an x-axis Hall element HEx, a y component of the center coordinates of this sphere as a current offset Cy of a y-axis Hall element HEy and a z component of the center coordinates of this sphere as a current offset Cz of a z-axis Hall element HEz. It is thereby possible to calibrate the magnetic sensor without putting load on the user.